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## CHAPTER II

### TRANSMITTAL LETTER TO THE UNITED STATES ELECTED OFFICE (EO/US)

(ENTRY INTO U.S. NATIONAL PHASE UNDER CHAPTER II)

PCT/FI00/00145

INTERNATIONAL APPLICATION NO.

23 February 2000 (23.02.00)

INTERNATIONAL FILING DATE

16 March 1999 (16.03.99)

PRIORITY DATE CLAIMED

COOLING ELEMENT FOR A HEATER EXCHANGE

TITLE OF INVENTION

Per SANDBERG (Västerås, Sweden)

APPLICANT(S)

**Assistant Commissioner for Patents**

**Box PCT**

**Washington, D.C. 20231**

**Attention: EO/US**

1. Applicant herewith submits to the United States Elected Office (EO/US) the following items under 35 USC 371:
  - A. ☒ This express request to immediately begin national examination procedures (35 USC 371(f)).
  - B. ☒ The U.S. National Fee (35 USC 371(c)(1) and other fees (37 CFR 1.492) indicated in the attached fee calculation sheet.

2. ☒ A copy of the International application as filed [35 USC 371(c)(2)]:
- a. ☐ is transmitted herewith.
  - b. ☐ is not required as the application was filed with the United States Receiving Office.
  - c. ☒ has been transmitted
    - i. ☒ by the International Bureau. Date of mailing of the application (from form PCT/IB/308): 21 September 2000 (21.09.00).
    - ii. ☐ by applicant on (date) \_\_\_\_\_.

3. ☒ A translation of the International application into the English language [35 USC 371(c)(2)]:

- a. ☐ is transmitted herewith.
- b. ☒ is not required as the application was filed in English.
- c. ☐ was previously transmitted by applicant on (date) \_\_\_\_\_.
- d. ☐ will follow (within 32 months of earliest priority date).

4. ☒ Amendments to the claims of the International application under PCT Article 19 [35 USC 371(c)(3)]:

- a. ☐ are transmitted herewith.
- b. ☐ have been transmitted
  - i. ☐ by the International Bureau. Date of mailing of the amendment (from form PCT/IB/308): \_\_\_\_\_.
  - ii. ☐ by applicant on (date) \_\_\_\_\_.
- c. ☒ have not been transmitted as
  - i. ☒ applicant chose not to make amendments under PCT Article 19. Date of mailing of Search Report (from form PCT/ISA/210): 12 July 2000 (12.07.00).

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- ii. ☐ the time limit for the submission of amendments has not yet expired. The amendments or a statement that amendments have not been made will be transmitted before the expiration of the time limit under PCT Rule 46.1.
5. ☒ A translation of the amendments to the claims under PCT Article 19 [35 USC 371(c)(3)]:
- a. ☐ is transmitted herewith.
  - b. ☐ is not required as the amendments were made in the English language.
  - c. ☒ has not been transmitted for reasons indicated at point 4c above.
6. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409)
- a. ☒ is transmitted herewith.
  - b. ☐ is not required as the application was filed with the United States Receiving Office.
7. ☒ Annex(es) to the International Preliminary Examination Report
- a. ☒ is/are transmitted herewith.
  - b. ☐ is/are not required as the application was filed with the United States Receiving Office.
  - c. ☐ is/are not being transmitted as there is/are no Annex(es).
8. ☒ A translation of the annexes to the International Preliminary Examination Report
- a. ☐ is transmitted herewith.
  - b. ☒ is not required as the annexes are in the English language.
  - c. ☐ is not being transmitted for the reason indicated at point 7c above.
9. ☒ An oath or declaration of the inventor [35 USC 371(c)(4)] complying with 35 USC 115
- a. ☐ was previously submitted by applicant on (date)  
\_\_\_\_\_.
  - b. ☐ is submitted herewith and such oath or declaration

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- i. ☐ is attached to the application
- ii. ☐ identifies the application and any amendments under PCT Article 19 which were transmitted as stated in points 4a or b; and states that they were reviewed by the inventor as required by 37 CFR 1.70.
- c. ☒ will be provided in response to a Notice to File Missing Requirements.
10. ☒ An International Search Report (PCT/ISA/210) or Declaration under PCT Article 17(2)(a):
- a. ☐ is transmitted herewith.
- b. ☒ has been transmitted by the International Bureau. Date of mailing (from form PCT/IB/308): 21 September 2000 (21.09.00).
- c. ☐ is not required as the application was searched by the United States International Searching Authority.
- d. ☐ will be transmitted promptly upon request.
- e. ☐ has been submitted by applicant on (date) \_\_\_\_\_.
11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98:
- a. ☐ is transmitted herewith.
- Also transmitted herewith is
- ☐ Form PTO-1449
- ☐ Copies of citations listed
- b. ☐ will be transmitted within THREE MONTHS of the date of submission of requirements under 35 USC 371(c).
- c. ☐ was previously submitted by applicant on (date) \_\_\_\_\_.
12. ☐ The applicant claims small entity status with respect to this application.
- ☐ A Verified Statement Claiming Small Entity Status is attached.
- ☐ The undersigned claims small entity status on behalf of the applicant.

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13. ☐ An assignment document is transmitted herewith for recording. A separate ☐ "RECORDATION COVER SHEET" is also attached.

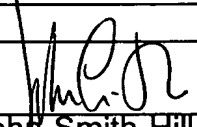
14. ☒ Additional documents

- a. ☐ Copy of request (PCT/RO/101)
- b. ☒ International Publication No. WO 00/55560
  - i. ☐ Specification, claims and drawing
  - ii. ☒ Front page only
- c. ☒ Preliminary amendment
- d. ☒ Abstract
- e. ☐ Other

15. ☒ The above checked items are being transmitted

- a. ☒ before 30 months from any claimed priority date.
- b. ☐ after 30 months but before 32 months (surcharge and/or processing fee included) from any claimed priority date.

16. ☐ Certain requirements under 35 USC 371 were previously submitted by the applicant on \_\_\_\_\_, namely:

  
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Reg. No. 27,730

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FEE CALCULATION SHEET  
Entry into National Phase of PCT/FI00/00145

| CLAIMS FEE   | (1) FOR   | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE  | (5) CALCULATIONS |
|--------------|---|------------------|------------------|-----------|------------------|
| * [x]        | TOTAL CLAIMS 10   | -20 =            | 0                | x \$ 18 = | \$ 0             |
|              | INDEPENDENT CLAIMS 1  | - 3 =            | 0                | x \$ 80 = | \$ 0             |
|              | MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |                  |                  | + \$270 = | \$ 0             |
| BASIC FEE    | <input type="checkbox"/> U.S. PTO WAS INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY<br>Where an International preliminary examination fee as set forth in § 1.482 has been paid on the international application to the U.S. PTO:<br><br><input type="checkbox"/> and the international preliminary examination report states that the criteria of novelty, inventive step (non-obviousness) and industrial activity, as defined in PCT Article 33(1) to (4) have been satisfied for all the claims presented in the application entering the national state (37 CFR 1.492(a)(4)) \$100<br><br><input type="checkbox"/> and the above requirements are not met (37 CFR 1.492(a)(1)) \$690<br><br><input checked="" type="checkbox"/> U.S. PTO WAS NOT INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY<br>Where no international preliminary examination fee as set forth in § 1.482 has been paid to the U.S. PTO, and payment of an international search fee as set forth in § 1.445(a)(2) to the U.S. PTO:<br><br><input type="checkbox"/> has been paid (37 CFR 1.492(a)(2)) \$710<br><input checked="" type="checkbox"/> has not been paid (37 CFR 1.492(a)(3)) \$1,000<br><br><input type="checkbox"/> where a search report on the international application has been prepared by the European Patent Office or the Japanese Patent Office (37 CFR 1.492(a)(5)) \$860 |                  |                  |           | 1,000            |
| OTHER FEES   | Surcharge of \$130 for furnishing the oath or declaration later than 30 months (but not later than 32 months) from any claimed priority date (37 CFR 1.492(e) and 37 CFR 1.495(c)).   |                  |                  |           | +                |
|              | Total of above Calculations   |                  |                  |           | = 1,000          |
| SMALL ENTITY | Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (note 37 CFR 1.9, 1.27, 1.28)   |                  |                  |           | -                |
|              | Subtotal  |                  |                  |           | 1,000            |
|              | Processing fee of \$130 for furnishing the English Translation later than 30 months (but not later than 32 months) from any claimed priority date (37 CFR 1.492(f) and 37 CFR 1.495(c)).  |                  |                  |           | +                |
|              | Basic National Fee  |                  |                  |           | \$ 1,000         |
|              | Fee for recording the enclosed assignment document \$40 (37 CFR 1.21(h)).   |                  |                  |           | +                |
| TOTAL        | TOTAL FEES ENCLOSED   |                  |                  |           | \$ 1,000         |

See attached Preliminary Amendment.

[x] A check in the amount of \$1,000 to cover the basic filing fee is enclosed.

[x] Please charge any additional basic filing fees under 37 CFR 1.492(a) which may be required by this paper, or credit any overpayment to Deposit Account No. 19-2560. This sheet is filed in duplicate.

  
Penelope Stockwell